Good 435

The Daily Paper of the Submarine Branch With the co-operation of the Office of Admiral (Submarines)

Ron Richards' SHOP TALK

sank an anti submarine schooner with gunfire to pass the time.

"We then torpedoed a tanker off Marseilles. E-boats and trawlers came after us, and dropped about 20 depth charges but we were not damaged.

"We were in the Mediterranean at the time of the Italian armistice and took Chief Engine Room Artificer turns at the periscope watching the Italians fighting the Petty Officer George Frederick Germans on the Island of Sims, D/J.101989; Leading Rhodes."

After doing one patrol from Beirut in August, the "Tres-



Lieut.-Cdr. R. M. Favell, D.S.C., with officers on Bridge of H.M.S. Trespasser



Do you know this word-QWERTYUIOP*

YOU must excuse mistakes, the above is printed among a L croud of people asking me maney questions about the machine," wrote Bill Burt to his wife on March 13, one hundred and fourteen years ago.

"Wrote" is a little glib. Burt was pounding the words out slowly, letter by letter, on one of the first typing machines the world has ever seen. He called his contraption the "typographer," and although he had the first one complete 1829, he didn't show it to his friends until the following March, because he wanted to get some practice on the hand-work. It was much more difficult writing with both hands on

LIEUT.COMDR. R. M. What they are doing for the FAVELL, D.S.C., captain of His Majesty's Submarine "Trespasser," tells the story of the first patrol in London's evening newspapers.

Ten of the fifteen months "Trespasser" was on patrol were spent on patrols which in all totalled fifty thousand miles. The skipper goes on: "We were waiting for the Italian fleet to put in an appearance, but they wouldn't play, so we sank an anti - submarine schooner with gunfire to pass the time.

LIEUT.COMDR. R. M. What they are doing for the primitive machines of those days than it is now; and these pioneer inventors of the typewriter were up against a real difficulty in that the first typed material was much slower than handwriting.

Jeyou test your handwriting you should find that a fair average is 40 words a minute. A speed contest held just over a hundred years ago on an early typing machine gave a speed of only 30 words. a minute—compared with the 140 that is quite often achieved in present-day typing contests. Burt never managed to write more than five words a minute on his first machine, and, of the malencholley account of the primitive machines of those days than it is now; and these pioneer inventors of the typewriter were up against a real difficulty in that the first typed material was much slower than handwriting.

New York I have the primitive machines of those days than it is now; and these pioneer inventors of the typewriter were up against a real difficulty in that the first typed material was much slower than handwriting.

For you test your handwriting and every a go on an early typing machine gave a speed of only 30 words. a minute compared with the 140 with the first specimen is now of one of his in the primitive machines of the typewriter were up against a real difficulty in that the first specime real difficulty in that the first specime and these pioneer inventors of the typewriter were up against a real difficulty in that the first specime and these pioneer inventors of the typewriter were up against a real If you test your handwriting you should find that a fair average is 40 words a minute. A speed contest held just over a hundred years ago on an early typing machine gave a speed of only 30 words a minute—compared with the 140 that is quite often achieved in present-day typing contests. Burt never managed to write more than five words a minute on his first machine, and, of course, the idea was a commercial failure.

The typewriter was not an

course, the idea was a commercial failure.

The typewriter was not an American invention, however, even though Burt's Typographer was constructed in a Detroit warehouse. The first patent for a typing device was taken out in 1714 by Henry Mill, an Englishman, in Queen Anne's reign. He called it: "An artificial machine or method for the impressing or transcribing of letters singly or progressively one after another as in writing, whereby all writings whatsoever may be engrossed in paper or parchment so neat and exact as not to be distinguished from print. ."

Unfortunately, he never built the machine, and it is impossible to tell now what sort of contraption he dreamed of.

Inventors tried to build a better machine than Burt's, and the best of these improvements was made four years later by a Frenchman, Xavier Progin, of Marseilles, which he called the "Machine Kryptographique." It was really the father of modern typewriters, but it is a very good job that the name didn't stick!

It was a "bar" machine, with the letters on separate "block" system is excellent, with the letters on separate "block" system is excellent,

Donald Quare tells you what it's all about

on a small cylinder of light alloy—but in the old days it was a heavy, clumsy method. Then some very comic machines were made. Dr. Francis, of New York, thought it would be an improvement to have the machine as much

"e," used so often in the English language, are right in the centre of the group-but it is still such a difficult keyboard to remember that amateurs can type only with one finger, plugging slowly at it letter by letter, as may-

New- York March, 13, 1830

I have but jest got my second machine into opperation and this is the first specimen I send you except a few lines I printed to regulate the machine, I am in good health but am in fear these lines will not find you so and the children from the malencholley account your letter gave me of sickness and deaths in our neighbourhood, I had rested contented to what I should if it had been summer season a dout the health of my family, as it is jenerlly healthy during the winter months; but

their has ben an unusual quentity of sickness heare this winter, and it has ben ver y cold in Urope as well as in America, a strong indication of the change of seasonth that I have so often mentioned .- Mr Sheldon arrived here four days ago he went

World's First Typewritten Letter

good job that the name didn't the correct position on the more, the inside mechanism of paper before depressing it. In the "writing ball" gave a very with the letters on separate "block" system is excellent, hammers, each having its own because all the letters are cast having to learn an entirely having to le

like a piano- as possible, for it would look more pleasing in the home! Francis's machine even had keys like a piano.

Best of all these early contraptions was the "writing date. You need be in no hurry ball," invented in 1865 by Pastor Hansen, of Copenhagen. I have seen some of these old machines in use in offices in Germany before the war. It looks like a huge pin-cushion of brass, studded with keys.

The typist caresses the "writ-

The typist caresses the "writing ball" and presses the keys inwards and down.

It is doubtful now if the machine would be successful, as it would necessitate girls having to learn an entirely

eavy touch.

But the position of the hands around the ball was natural, and if it could have had electric action it would have been a much speedier writer than the present type of machine with the letters spread out along four rows of keys.

Most of these early reachines

Most of these early machines were just experiments. Few were built for sale, But in il874 Christopher Latham Sholes built a machine strangely similar to modern typewriters, and though seventy years have passed, many of these machines are still workable. They print capital letters only, and there is an enormous handle at the side, like a coffee-grinder, to move the platen.

Strangest of all is the key—

Man's love is of man's life a thing apart,

'Tis woman's whole existence.

Lord Byron.

Short words like "is," "the," and "and "it" are printed at one touch on a single key.

But the man who makes such a machine had better

Strangest of all is the key-board, which is arranged:

QWERTYUIOP ASDFGHJKLM & ZCXVBN?;

If you examine a modern four-bank machine you will see that only the positions of the letters M, C and X and the "&" sign are different—and the amazing thing is that this keyboard, which has become the standard for millions of machines, was derived by accident!

Sholes found that in his old machine the type bars tended to jamb, so he put letters which frequently came together in words on type-bars spaced as far apart as possible.

This automatically meant that the letters "t," "h" and

O soul, be patient; thou shalt find
A little matter mend all this;
Some strain of music to thy mind,
Some praise for skill not spent amiss.
Robert Bridges.

You shall not press down upon the brow of labour this crown of thorns, you shall not crucify mankind upon a cross of gold.

William Jennings Bryan.

True it is, she had one failing, Had a woman ever less?

Man's love is of man's life a thing apart, 'Tis woman's whole exist-ence.

But the man who makes such a machine had better look up the old patents. Dr. Bennington invented a machine that had complete words on single keys—an extra row of keys at the top of the machine—and he was typing letters on it one hundred and three years ago!

Your letters are welcome! Write to "Good Morning" c/o Press Division, Admiralty. London, S.W.1

passer" went out farther East, where she did four patrols, on by two of which she sank a Japanese supply ship each of 3,000 tons. One of the merchant ships was escorted by two Japanese destroyers, which dropped more than 30 depth charges, but again the "Trespasser" escaped.

THE other merchant ship, torpedoed in the Malacca Straits, also of about 3,000 tons, was escorted by one destroyer, whose counter-attack was in-effective.

"The most anxious moments," in effective.

"The most anxious moments," said Lieut-Commander Favell, "You mother requests that we are the paper that your very interesting and constructive criticisms as "twitter-law, you the up-to-the-minute news that all is well at home—tow have pleasure in doing that. Also, a few more letters home wouldn't exactly overwork the postman, I gather.

The same issue is included to give unrestricted permission for the wearing of the following announcement:—The King has been graciously letter, in which he tells us how a counter-attack was in-effective.

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The most anxious moments, and the federics of the family contained to a submanine state of the following decoration because to give unrestricted permission for the wearing of the following decoration because the paper that day?

Your mother requests that we will all—on the on-tructive criticisms as "twitter-ing."—not at all, old boy, not all—on the contrary.

Also, a few more letters home wouldn't exactly overwork the postman, I gather.

The King has been graciously writes an extremely interesting of the following decoration because to give unrestricted permission for the wearing of the following decoration because the paper that all—on the contrary.

Al

whose counter-attack was inefective.

"The most anxious moments," said Lieut. Commander Favell, was not so much exciting as most unpleasant. But we managed to get away with it."

Besides Lieut. Commander Favell, the D.S.C. was awarded to the Engineer Officer Lieut. (E.) A. A. Summerhayes. Chief Engineer Officer Lieut. (E.) A. A. Summerhayes. Chief Engineer Officer Lieut. (E.) A. A. Summerhayes. Chief Engineer Officer S. Short.

"Trespeaser," built by your home news story that where in particular you would be particularly of the following decoration between the following decoration the bear that our efforts are at the near that our efforts are the ditor about some suggestions you put forward, and most of them, I have spoken to the editor about some suggestions you put think, will be taken up. The provided the provi

OFF TO ZANZ

DR. Fergusson had a servant; been the balloon in Mitchell's workshop in the Borough?"

Joe; he was devotedly faithful to his master, anticipated his orders, and executed them intelligently; a Caleb who did not grumble, and was always good-tempered.

Fergusson left all the details of every-day existence to him, and he never repented.

Joe received all Fergusson's decisions with respect and confidence. When the doctor had spoken there was nothing more to be said. All he thought was right, all he did sensible; all he commanded manageable; all he undertook possible; all he commanded manageable; al undertook possible; all achieved admirable.

Poor Old Joe

You might have cut Joe in pieces without changing his opinion

pieces without changing his opinion about his master; therefore, when the doctor conceived the project of crossing Africa in the air, it was already done for Joe; no obstacles any longer existed.

With Joe's confidence in the doctor it is not astonishing that incessant discussions arose between Kennedy and the worthy man-servant, and who kept all deference notwithstanding. The one doubted, the other believed, one was clear-sighted prudence, the other blind confidence.

"Well, Mr. Kennedy?" said Joe.

Joe. "Well, my man?"

"The time's getting on. It seems we are going to embark for the moon."
"You mean the land of the

You mean the land of the Moon, which is not quite so far, but I daresay it is as dangerous."

lining.
3. DRAG-OO-N.
4. K-it-ten, P-up.

but I daresay it is as dangerous."
"Dangerous! with a man like
Dr. Fergusson!"
"I don't want to spoil your
illusions, Joe, but what he has
undertaken now is simply madness; he'll never go."
"Never go! Why, haven't you

CACK GREENA

"H'M! AS I SUSPECTED - SMOKER'S THROAT

three repaired to Messrs. Mit-chell's workshops, where a weigh-ing machine had been prepared. The doctor was obliged to know his companion's weight, in order to establish the balance of his

balloon.
He made Dick get on the scales

He made Dick get on the scales; he did not resist, but contented himself with muttering, "That's all very well, but it does not engage me to anything."

"A hundred and fifty-three pounds," said the doctor, putting it down in his note-book.

"Am I too heavy?"

"No, Mr. Kennedy," replied Joe; "besides, I am light, that will compensate." Saying which, Joe leaped into the scales, and almost overturned them as he did so, took the pose of the Achilles at the entrance to Hyde Park, and was magnificent even without and was magnificent even without the shield.

"A hundred and pounds," wrote

pounds," wrote the doctor.
"My turn now," said Fergusson, and he wrote down a hundred and thirty-five pounds on his own

four hundred pounds altogether,"



First of all, and in order that the balloon might not be too large, he resolved to inflate it with hydrogen gas, which is fourteen and a-half times lighter than air. The production of this gas is easy, and it is the one that has given the best results in aerostation.

The doctor, after very executive in minute care as the helm of a ship. The car had a circular form, and was 15 feet in diameter; it was made of wicker work, coated with a light iron armour; it had springs underneath to soften the shocks. Its weight, and that of the net, was not more than 280 lbs.

The doctor, after very exact calculations, found that with the objects indispensable for his journey and his apparatus, he should have to take a weight of 4,000 pounds; he had then to calculate

WORDS—374

1. Put a shower in STER and get a sieve.

2. In the following first line of a popular song both time words and the letters in them have been shuffled. What is post near the doctor.

3. Mix SAKE, add Y, and get a comedian.

4. Find the two hidden aminals in: Eat the fish or sell them; they came long ago.

Answers to Wangling

Words—No 373

"H'M. A5 1 SUSPECTED

SMOKERS THROAT

Answers to Wangling

"H'M. A5 1 SUSPECTED

SMOKERS THROAT

Mhow would lend him a hand to tump a precipice? Who would take care of him if he fell ill? No. Mr. Dick, Joe will never desert his post near the doctor.

"The doctor had four sheet-iron cases made; they were joined without it."

A weight of 4,000 lbs. is reperting, which was not to be served by a displacement of air time the case, so as to take up to popular song both time of the popular song both time words and the letters in them have been shuffled. What is not here; coming for you directly."

"Besides, you are coming with the same the view of the popular song both time words and the letters in them have been shuffled. What is the post near the doctor."

"Brave fellow!"

"Gome, Mr. Kennedy, the mast do that the strong, and the least possible space; the

Words—No. 373

BARON.

Every cloud has a silver of section of the balloon.

K-it-ten, P-up.

Stop at Nothing

"You will stop nothing at all, Mr. Kennedy, excuse me for saying so. My master knows what he is about; he thinks a good while before he undertakes anything, but when he has, nobody could change him."

"Well, we shall see."

"Well, we shall see."

"Well, we shall see."

"Well, we shall see."

"Don't flatter yourself with that hope. The most important thing is that you should come. Africa is

"I won't!"

At this moment the doctor of the balloon.

Balloons, therefore, are only two-thirds filled generally. But the doctor, in consequence of a plan only known to himself, with Joe; I want to see what you both weigh."

"But—"

"Here's your hat. Come."

And Kennedy went. They all

FIVE WEEKS IN A BALLOON By Jules Verne

After long reflection, Fergusson, by an ingenious invention, united the advantages of two balloons without having their inconveniences; he had two constructed of unequal size, and put one in the other.

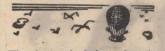
at thirty-live pounds on his own count.

Both balloons were made of twilled Lyons taffetas, coated with gutta-percha, which substances is not only waterproof, but it cannot be burst by either acids or gas.

"That would be useless," said the doctor; "eat as much as you like."

"That would be useless," said the doctor; "eat as much as you like."

"The taffetas was double at the top, where almost all the effort is made. This envelope could retain the fluid for an unlimited time. The net destined to support the car was made of very solid hempen cord; the two air-valves were made the object of as



The doctor had four sheet-iron

1. Dern means bother, mend, secret, spill, dusky, sour?
2. How many Books in the Bible can you name beginning with H?
3. What is the county town of Anglesey?

3. What is the county town of Anglesey?
4. What is the common name for the game of "Tric-Trac"?
5. For what boys names are the following "short"? Hal, Nol, Wat, Bob, Jim.
6. All the following are real words except one; which is it? Quartate, Quartile, Quartine, Quartzose, Quarto, Quartan, Quartern.

Answers to Quiz in No. 434

1. Bird.
2. Margaret, Dorothy, Margaret, Mary, Valerie.
3. Magnanerie.
4. Quag is a bog; quahog is a shell-fish (clam).
5. (a) Sinks, (b) sinks. (a) Sir
 Pyrate.

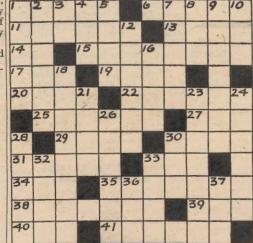
IS Newcombes Short odd But true

It's not keen eyesight which enables bats to avoid tree branches and other obstacles when in flight, according to Dr. Robert Galembos, of the University of Rochester Medical School. When flying, bats emit a constant stream of high-pitched "super-zonic." The cries are too shrill for human ears to detect. When a bat approaches obstacles the sound is reflected back. The bat hears the echo and changes its course.

artificial horizon, meter to reconnoitre distant and inaccessible objects.

He took with him three well-

CROSSWORD CORNER



CLUES DOWN.

1 Rock face. 2 High reputation. 3 By. 4 Equip.
5 Journey. 7 Musical show. 8 Lout. 9 Illdeveloped. 10 Fish. 12 Relations. 16 Fat. 18
Helped on. 21 Lend. 23 Refractory. 24 Talked.
26 Acts towards. 28 Awry. 30 Female animal.
32 Facing slab, 33 Payment for use. 36 By no
means. 37 Scottish river.

CLUES ACROSS

1 Map.
6 Untie.
11 Healing wash.
13 Head.
14 Batting.
15 Treacherous.
17 Dandy.
19 Uplift.
20 Fold up.
22 Branches of work

22 Branches of work.
25 Firmly fixed.
27 Corded fabric.
29 Planet.
30 Old bird.
31 Weight.
33 Berry.
34 Outfit.
35 Living.
38 Voter.
39 Doubled.
40 Married.
41 Firm.







BEELZEBUB JONES









BELINDA











POPEYE











RUGGLES









GARTH







JUST JAKE









ARGUE

EDUCATION.
TENS of thousands of secondary school boys and girls are forced to spend most of their evenings and week-ends indoors at home swotting masses of ill-digested knowledge, not one per cent, of which will ever help one per cent of them in any single problem of his or her grown-up existence. Merely for the sake of a few annual "examination credits" in each school, hordes of slave children have scarcely any play, but have to toil till they go to bed hysterical with frustration and fatigue. The purpose of education is to produce a sortind mind in a sound body . . . not to try to ruin both.

David Charles, F.R.P.S.

GOSSIP.
GOSSIP is just as prevalent in towns as in villages. If people could be brought to realise its potential danger they would do their best not only to refrain from gossip, but also to discourage others. It grows like a snowball. A person hears something and passes it on, and as the process is repeated so the original item of information is embroidered and grows to a point where its author would no longer recognise it. Gossip could easily become one of the most dangerous of secret weapons.

Rev. A. Stretton,

Rev. A. Stretton.

ARE YOU SHY?

LYEN in love, many Englishmen never lose their reserve, and can never bring themselves to say explicitly, "Darling, I love you." A common form of proposal is "You know, I'm awfully fond of you, and we seem to get on pretty well. What about getting married?" Fortunately, the intimacy of marriage usually breaks down such inhibitions, but in more superficial relationships they are often a great hindrance. We say that still waters run deep, but sometimes they are merely stagnant.

Bertrand Russell.

A HARMONIOUS WORLD.

SINCE the Roman Empire there have been only two large-scale and successful political experiments, both of them the work of our race. These are the British Commonwealth of Nations and the Federal Constitution of the United States. . . The latter is a convincing proof that citizens of all the white races can live together harmoniously as one nation. It is a triumph of common sense over age-long evil traditions, giving real hope for the future of civilisation. If the nations are to live at peace with each other, if we are to respect one another's right to freedom, justice and humanity, there can be no better guarantee than the co-operation of all the English-speaking nations who believe in these things.

The Very Rev. W. R. Inge, D.D.

PERFUMES.

PERFUMES.

It always strikes me as strange that man's sense of smell has been so little regarded by the arts. There is oratory and music and poetry for his hearing, painting and sculpture for his sight, miracles in food and wine for his taste, but little or nothing for his sense of smell. . . The scents from the fields and hedges vary with the changing seasons. These are the real fragrance of the countryside. . . Your boys and ours have smelt the bitter breath of the sea in the Channel, and the stink of all evil under the sun. They must long for the sights and sounds and smells of home.

Ralph Wightman.



"Oi, they be a noice pear!"



The Cat and the Canary—or one way of having your moustachios twirled.



"It's astonishing, isn't it? I mean the vicissitudes of Nature. To my left, gentlemen, you have one example of the adaptation of quadrupeds to the needs of their metabolism."



Jerry the giraffe, aged one hour, height 5ft., weight 4 stone, gets his first kiss from Minnie his Mamma.





Here's Paramount's sweater girl, Marjorie Reynolds. We think she's got a nice profile.







Printed and Published by Samuel Stephen, Ltd., 2, Belvedere Road, London. S.E.19